



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/669,284	09/24/2003	Mitsunori Sakama	0553-0185.01	6594
7590 07/12/2007				
Edward D. Manzo				
Cook, Alex, McFarron, Manzo,				
Cummings & Mehler, Ltd.				
200 West Adams St., Ste. 2850				
Chicago, IL 60606				
		EXAMINER		
		MONDT, JOHANNES P		
		ART UNIT		PAPER NUMBER
		3663		
		MAIL DATE		DELIVERY MODE
		07/12/2007		PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

NON-RESPONSIVE AMENDMENT

The reply filed on 4/27/07 is not fully responsive to the prior Office Action because of the following omission(s) or matter(s): The Remarks on the Request for Information under 37 CFR 1.105 contained in the Office Action mailed 12/27/06 contains statements of "explanation" but do not contain the requested evidence of reduction to practice as provided by the experimental data with discussion of error analysis as conventionally required in the sciences, showing that the lower limit and upper limit in the ranges as claimed for oxygen, nitrogen, and hydrogen concentrations have been reduced to practice". No enclosure in the Response to said Office Action in whatever form was found to contain the requested information on experimental data. See 37 CFR 1.111. Since the above-mentioned reply appears to be *bona fide*, applicant is given **ONE (1) MONTH or THIRTY (30) DAYS** from the mailing date of this notice, whichever is longer, within which to supply the omission or correction in order to avoid abandonment. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Johannes P. Mondt whose telephone number is 571-272-1919. The examiner can normally be reached on 8:00 - 18:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack W. Keith can be reached on 571-272-6878. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.


Art Unit: 3663

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JPM

July 3, 2007

Primary Patent Examiner:


Johannes Mondt (TC3600, Art Unit: 3663)